


Search Notes 	Application/Control No. 09484886	Applicant(s)/Patent Under Reexamination SMITH ET AL.
	Examiner KAILASH C SRIVASTAVA	Art Unit 1653

SEARCHED

Class	Subclass	Date	Examiner
435	69.1, 69.4, 70.1, 71.1, 2443, 325, 252.3	03/20/2003	KCS
514	6, 8	03/20/2003	KCS
530	3350, 380, 395, 397, 412, 413, 417, 418	03/20/2003	KCS
Updated Partial Search in WEST	Updated Partial Search in WEST	09/20/2003	KCS
Updated Partial Search in WEST	Updated Partial Search in WEST	06/29/2004	KCS
Updated Partial Search in WEST	Updated Partial Search in WEST	03/16/2005	KCS
NONE	NONE	03/16/2005	KCS
Updated Partial Search in WEST	Updated Partial Search in WEST	12/22/2005	KCS
NONE	NONE	12/22/2005	KCS
Updated Partial Search in WEST	Updated Partial Search in WEST	04/23/2007	KCS
NONE	NONE	04/23/2007	KCS
Updated Partial Search in WEST	Updated Partial Search in WEST	02/10/2008	KCS
NONE	NONE	02/10/2008	KCS
Updated Partial Search in WEST	Updated Partial Search in WEST	6/15/2009	KCS
NONE	NONE	6/15/2009	KCS
Updated Partial Search in WEST	Updated Partial Search in WEST	2/7/2010	KCS
NONE	NONE	2/7/2010	KCS
Updated Partial Search in WEST	Updated Partial Search in WEST	2/28/2010	KCS
NONE	NONE	3/7/2010	KCS

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Class	Subclass	Date	Examiner
Updated Partial Search in WEST	Updated Partial Search in WEST	2/28/2011	KCS
NONE	NONE	2/28/2011	KCS
Updated Partial Search in WEST	Updated Partial Search in WEST	6/1/2011	KCS
NONE	NONE	6/1/2011	KCS
Updated Partial Search in WEST	Updated Partial Search in WEST	6/4/2011	KCS
NONE	NONE	6/4/2011	KCS
Updated Partial Search in WEST	Updated Partial Search in WEST	7/13/2011	KCS
435	348, 384, 387, 320.1	7/13/2011	KCS
530	350, 395, 402, 412, 416, 417	7/13/2011	KCS

SEARCH NOTES

Search Notes	Date	Examiner
WEST: DWPI, EPAB, JPAB, PGPB, USOC, USPT	03/20/2003	KCS
STN: AGRICOLA, BIOBUSINESS, BOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CONFSCI, EMBASE, MEDLINE, SCISEARCH,	03/20/2003	KCS
Search Strategy: human erythropoietin, recombinant, insect cell culture, baculovirus, insect culture, cell culture, purified, glycosylated, human or mammalian erythropoietin, dissolved oxygen,	03/20/2003	KCS
Performed inventor search	03/23/2003	KCS
Consulted Priority Applications: USSNos. 60/118,816; 60/162,3554; 09/169,178; United States Aptent 6,103,526	03/20/2003	KCS
Updated Search with additional strategy and key words: dissolved oxygen, carbon dioxide, culture parameter, Spodoptera frugiperda	09/20/2003	KCS
Updated search with additional words and performed inventor/author search in REGISTRY and ADISCTI, AGRICOLA, BIOBUSINESS, BOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CONFSCI, DISSABSTR, EMBASE, ESBIOBASE, FEDRIP, FROSTI, JICST-EPLUS, LIFESCI, MEDLINE, PROMPT, RDISCLOSURE, SCISEARCH,	06/29/2004	kcs
Updated Search in WEST with above strategy	03/16/2005	KCS
Updated Search in WEST with same strategy	12/22/2005	KCS
Updated Search in WEST with same strategy as before because the newly added claims do not present any new matter	04/23/2007	KCS
Updated Search in WEST with same strategy as before and additionally with higher purity because of amendment to claims and newky added claims pertaining to new matter	02/10/2008	KCS
Discussed case with Dr. Weber	6/09/2009	KCS

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SEARCH NOTES

Search Notes	Date	Examiner
Updated Search in WEST with same strategy as on 04/03/2007 and additionally with higher purity because of amendment to claims and newky added claims .	6/15/2009	KCS
Updated Inventor Name Search	6/15/2009	KCS
Verified Application Priority data (i.e.Priority Applications: USSNos. 60/118,816; 60/162,3554; 09/169,178; United States APlent 6,103,526)	6/15/2009	KCS
Discussed case with Dr. Weber for Final Rejection because Claims have been amended	2/2/2010	KCS
Updated Search in WEST:DWPI, EPAB, JPAB, PGPB, USOC, USPT with same strategy as on 04/03/2007 and additionally with higher purity , bacu/lovirus expression vector system, BEVS because of amendment to claims.	2/7/2010	KCS
Re-Verified Application Priority data (i.e.Priority Applications: USSNos. 60/118,816; 60/162,3554; 09/169,178; United States Patent 6,103,526)	2/7/2010	KCS
Updated Inventor Name Search	2/7/2010	KCS
Google search- Glycosylated	2/7/2010	KCS
Updated Search in WEST:DWPI, EPAB, JPAB, PGPB, USOC, USPT with same strategy as on 04/03/2007 and additionally with higher purity , bacu/lovirus expression vector system, BEVS because of amendment to claims., hollo-fiber bioreactor	2/28/2010	KCS
Updated Inventor Name Search	2/28/2010	KCS
Re-Verified Application Priority data (i.e.Priority Applications: USSNos. 60/118,816; 60/162,3554; 09/169,178; United States Patent 6,103,526)	2/28/2010	KCS
Google search- Glycosylated-fermenter, bioreactor, hollow fiber	2/27/2010	KCS
Discussed case with Dr. Weber for Final Rejection because Claims have been amended to Product an d withdrfaw 153-169 because Applicants want to chang the invention scope to methods	2/28/2011	KCS
Re-Verified Application Priority data (i.e.Priority Applications: USSNos. 60/118,816; 60/162,3554; 09/169,178; United States Patent 6,103,526)	2/28/2011	KCS
Updated Inventor Name Search	2/28/2011	KCS
Updated Search in WEST:DWPI, EPAB, JPAB, PGPB, USOC, USPT with same strategy as 02/07/2010 BECAUSE EVEN THE AMENDED CLAIMS DRAWN TO A METHODS INVENTION HAVE A DEPENDENT CLAIM (170) DRAWN TO THE EPO	2/28/2011	KCS
Discussed case with Dr.Liu to reopen the case , withdraw finality of all of the previous actions beginning with FR of 03/12/2010 and make new rejections on Claims 153-170 hhnder 1112, 1st, 2nd and 103.	6/1/2011	KCS
Updated Inventor Name Search	6/1/2011	KCS
Re-Verified Application Priority data (i.e.Priority Applications: USSNos. 60/118,816; 60/162,3554; 09/169,178; United States Patent 6,103,526)	6/1/2011	KCS
Updated Search in WEST:DWPI, EPAB, JPAB, PGPB, USOC, USPT with same strategy as 02/07/2010 and additionally to the limitations drawn TO mETHOD CLAIMS, ESPECIALLY BIOREACTOR AND APPARATUS FEATURES.	6/1/2011	KCS
Updated Search in WEST:DWPI, EPAB, JPAB, PGPB, USOC, USPT with same strategy as 02/07/2010 and additionally to the limitations drawn TO mETHOD CLAIMS, ESPECIALLY BIOREACTOR AND APPARATUS FEATURES, ESPECIALLY FOR HOLLOW FIBER OXYGENATOR	6/4/2011	KCS
Google Search for sin wave in Claim 169	6/5/2011	KCS

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SEARCH NOTES

Search Notes	Date	Examiner
Discussed case with Dr. Liu and Ms. Witz to amend the claims in a condition for allowability	7/7/2011	KCS
Re-performed inventors' Name search	7/13/2011	KCS
Re-Verified Application Priority data (i.e. Priority Applications: USSNs. 60/118,816; 60/162,3554; 09/169,178; United States Patent 6,103,526) in e-DAN	7/13/2011	KCS
Updated Search in WEST:DWPI, EPAB, JPAB, PGPB, USOC, USPT with same strategy as 02/07/2010 and additionally to the limitations drawn to apparatus and bioreactor-related claims (See attached Strategy)	7/13/2011	KCS

INTERFERENCE SEARCH

Class	Subclass	Date	Examiner
Updated Partial Search in WEST	Updated Partial Search in WEST	7/13/2011	KCS
435	348, 384, 387, 320.1	7/13/2011	KCS
530	350, 395, 402, 412, 416, 417	7/13/2011	KCS

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